

ABSTRACT

**[0120]** A method and apparatus relating to the behavior of border nodes within a high performance serial bus system is disclosed. A method is disclosed for determining a path to a senior border during the Self-ID process in a full-duplex communications system having at least one border node comprising the acts of: marking the border node as the senior border; determining whether the border node has received a Self-ID packet that does not contain a Speed Code on a parent beta port of the border node; marking the port on said border node as the path to the senior border node if the border node has received a Self-ID packet that does not contain a Speed Code on a parent beta port of the border node; and canceling the border node's own status as a senior border node.